

Product datasheet for TP314251

UHRF1 (NM_013282) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin-like with PHD and ring finger domains 1 (UHRF1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214251 representing NM_013282 Red=Cloning site Green=Tags(s)

MGVFAVPPLSSDTMWIQVRTMDGRQHTVDSLSRLTKVEELRRKIQLFHVPEGLQRLFYRGKQMEDGHT
LFDYEVRLNDTIQLLVRQSLVLPSTKERDSELSDTDSGCCLGQSESDKSSTHGEAAAETDSRPAEDMW
DETELGLYKVNEYVDARDTNMGAWFEAQVVRVTRKAPSRDEPCSSSTRPALEEDVIYHVKYDDYPENGV
QMNSRDVRRARARTIIKWQDLEVGQVVMLNYPDPNPKERGFWDYDAEISRKRETRTARELYANVVLGDDSLN
DCRIIFVDEVFKIERPGEKSPMVDNPMRRKSGPSCCHKCKDDVNRLCRVCACHLCGGRQDPDKQLMCDECD
MAFHIYCLDPPLSSVPSEDEWYCPECRNDASEVVLAGERLRESKKKAKMASATSSSQRDWKGKMACVGR
TECTIVPSNHYGPIGIPVGTMMWRFRVQVSESGVHRPHVAGIHGRSNDGAYSLVLAGGYEDDHDHGNFFT
YTGSGGRDLGSKRTAEQSCDQKLTNTNLRALALNCFAPINDQEGAEAKDWRSGKPVVRVNRVKGKNSKY
APAEGNRYDGIYKVKYWPKEKSGFLVWRYLLRRDDDEPGPWTKEGKDRIKKLGLTMQYPEGYLEALAN
REREKENSUREEQEGGFASPRTGKKGWKRKSAGGGPSRAGSPRRTSKTKVEPYSLTAQSSLIRED
KSNAKLWNEVLASLKDRPASGSPFQLFLSKVEETFQCICCCQELVFRPITVVCQHNVCKDCLDRSFRAQVF
SCPACRYDLGRSYAMQVNQPLQTVLNQLFPGYGNGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

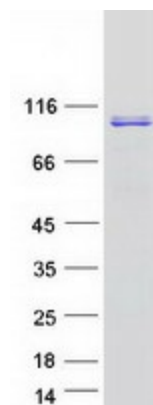
Tag:	C-Myc/DDK
Predicted MW:	90.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_037414
Locus ID:	29128
UniProt ID:	Q96T88 , A0A087WVR3
RefSeq Size:	4086
Cytogenetics:	19p13.3
RefSeq ORF:	2418
Synonyms:	hNP95; hUHRF1; huNp95; ICBP90; Np95; RNF106; TDRD22
Summary:	This gene encodes a member of a subfamily of RING-finger type E3 ubiquitin ligases. The protein binds to specific DNA sequences, and recruits a histone deacetylase to regulate gene expression. Its expression peaks at late G1 phase and continues during G2 and M phases of the cell cycle. It plays a major role in the G1/S transition by regulating topoisomerase IIalpha and retinoblastoma gene expression, and functions in the p53-dependent DNA damage checkpoint. It is regarded as a hub protein for the integration of epigenetic information. This gene is up-regulated in various cancers, and it is therefore considered to be a therapeutic target. Multiple transcript variants encoding different isoforms have been found for this gene. A related pseudogene exists on chromosome 12. [provided by RefSeq, Feb 2014]
Protein Families:	Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified UHRF1 protein (Cat# TP314251). The protein was produced from HEK293T cells transfected with UHRF1 cDNA clone (Cat# [RC214251]) using MegaTran 2.0 (Cat# [TT210002]).